



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit: 1754

App'n Ser. No.: 09/501,621

Examiner(s): Kalafut for the  
*Secret Committee*

Filing Date: 02/09/2000

Title: DOPED THERMIONIC CATHODE AND METHOD OF MAKING THE DOPED  
THERMIONIC CATHODE

\* \* \* \*

30 October 2007

**RESPONSE TO FINAL OFFICE ACTION MAILED 10 MAY 2007, AND  
REQUEST FOR CONTINUED EXAMINATION**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant files this paper in response to the Final Office Action mailed 10 May 2007. Please consider this paper a Request for Continued Examination and as a Petition for a three-month extension.

Reconsideration and allowance of the subject application are respectfully requested. Claims 1-272 are pending in the application.

In addition to the comprehensive disclosure in Applicant's originally filed specification, Applicant has submitted new, non-cumulative scientific evidence further confirming the existence of lower energy states of hydrogen, which evidence includes, but is not limited to, analytical studies of spectroscopic lines, energy output, compositions of matter, generated plasmas, and inverted hydrogen populations. As detailed below, Applicant also identifies independent third-party data pursuant to the PTO's agreement, which evidence resulted in verbal confirmation by Examiner Wayne Langel that two BlackLight applications formally handled by him were allowable before